

PATENT ABSTRACTS OF JAPAN

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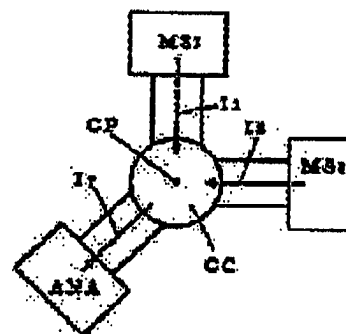
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(54) PARTICLE COLLISION REACTION MEASURING APPARATUS

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an apparatus which can analyze collision reaction between desired particles by making the particles collide mutually.

SOLUTION: A plurality of mass spectrometers MS1 and MS2 and a reaction-produced particle analyzer ANA are installed at the periphery of a collision reaction chamber CC. Desired ions I1 and I2 are selected by the mass spectrometers MS1 and MS2 and focused onto a specified collision point CP in the collision reaction chamber CC by an ion lens. Fragment ions, non-cleavage ions, coupled ions and the like are extracted from the collision reaction chamber CC, to be analyzed by the reaction-produced particle analyzer ANA. As a reaction-produced particle analyzer ANA, a mass spectrometer or an energy analyzer may be used.



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